

WHAT IS CLAIMED IS:

1. A method for treating a disorder characterized by dysregulation of the GH/IGF axis in a mammal comprising administering to the mammal an effective amount of an IGF-I variant wherein the amino acid residue at position 16, 25, or 49 or the amino acid residues at positions 3 and 49 of native-sequence human IGF-I are replaced with an alanine, a glycine, or a serine residue.
2. The method of claim 1 wherein the disorder is a hyperglycemic disorder, a renal disorder, congestive heart failure, hepatic failure, poor nutrition, a wasting syndrome, or a catabolic state wherein IGFBP-1 levels are increased relative to such levels in a mammal without such disorder.
3. The method of claim 1 wherein the disorder is a renal disorder.
4. The method of claim 3 wherein the renal disorder is chronic or acute renal failure.
5. The method of claim 3 further comprising administering to the mammal an effective amount of a renally-active molecule.
6. The method of claim 1 wherein the mammal is human.
7. The method of claim 1 wherein both amino acid residues are replaced with alanine residues.
8. A kit comprising a container containing a pharmaceutical composition containing an IGF-I variant wherein the amino acid residue at position 16, 25, or 49 or the amino acid residues at positions 3 and 49 of native-sequence human IGF-I are replaced with an alanine, a glycine, or a serine residue, and instructions directing the user to utilize the composition for treating a disorder characterized by dysregulation of the GH/IGF axis in a mammal.
9. The kit of claim 8 wherein the disorder is a hyperglycemic disorder, a renal disorder, congestive heart failure, hepatic failure, poor nutrition, a wasting syndrome, or a catabolic state wherein IGFBP-1 levels are increased relative to such levels in a mammal without such disorder.
10. The kit of claim 8 wherein the disorder is a renal disorder.
11. The kit of claim 10 further comprising a container containing a renally-active molecule.

Variable	Mean	SD	Min	Max
Age	34.5	10.2	18	65
Gender				
Male	52.3	5.1	0	100
Female	47.7	5.1	0	100
Marital status				
Married	68.9	4.8	0	100
Single	31.1	4.8	0	100
Education				
High school or less	25.4	3.2	0	100
Some college	38.7	4.1	0	100
Bachelor's degree	35.9	4.1	0	100
Master's degree	1.0	0.1	0	100
PhD	0.0	0.0	0	100
Occupation				
Unemployed	12.3	2.1	0	100
Student	8.9	1.8	0	100
Professional	34.5	3.4	0	100
Managerial	21.2	2.9	0	100
Service	15.6	2.5	0	100
Laborer	7.5	1.5	0	100
Income				
Less than \$10,000	18.9	3.1	0	100
\$10,000-\$20,000	25.4	3.8	0	100
\$20,000-\$30,000	21.2	3.5	0	100
\$30,000-\$40,000	15.6	2.8	0	100
\$40,000-\$50,000	10.1	2.1	0	100
\$50,000 or more	8.7	1.9	0	100
Health status				
Excellent	12.3	2.1	0	100
Very good	25.4	3.1	0	100
Good	38.7	4.1	0	100
Fair	15.6	2.5	0	100
Poor	7.5	1.5	0	100
Stress level				
Low	18.9	3.1	0	100
Medium	34.5	4.1	0	100
High	46.6	5.1	0	100
Life satisfaction				
Very satisfied	12.3	2.1	0	100
Satisfied	25.4	3.1	0	100
Dissatisfied	62.3	4.1	0	100
Very dissatisfied	1.0	0.1	0	100